

Rabbit anti-Human Cyclin A1 Polyclonal Antibody | anti-CCNA1 antibody

Anti-Cyclin A1 Antibody, Rabbit Polyclonal

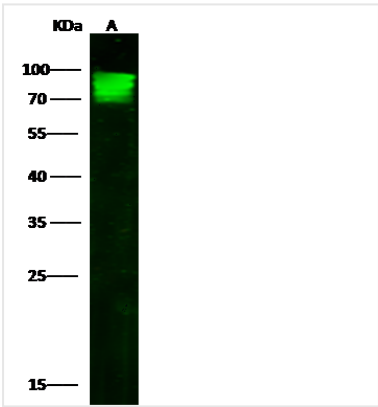
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255290	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

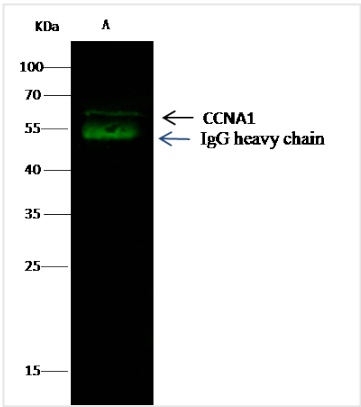
Cyclin A1; Polyclonal Antibody; Anti-Cyclin A1 Antibody; Rabbit Polyclonal; Cyclin A1/CCNA1 Antibody; Rabbit PAb; Antigen Affinity Purified; cyclin A1; Anti-CT146 Antibody; anti-CCNA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Cyclin A1/CCNA1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CCNA1 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human Cyclin A1/CCNA1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human Cyclin A1/CCNA1 (rh Cyclin A1/CCNA1). Cyclin A1/CCNA1 specific IgG was purified by Human Cyclin A1/CCNA1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-CCNA1 rabbit polyclonal antibody at 1:500 dilutionLane A: THP1 Whole Cell LysateLysates/proteins at 60 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:65 kDaObserved band size:85 kDa



IP (Immunoprecipitation)
CCNA1 was immunoprecipitated using:Lane A:0.5 mg THP1 Whole Cell Lysate0.5 uL anti-CCNA1 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-CCNA1 rabbit polyclonal antibody,at 1:500 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 60 kDaObserved band size: 60 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CCNA1 antibody	Cyclin A1 is a member of the highly conserved cyclin family that is characterized by a dramatic periodicity in protein abundance, and belongs to the A-type cyclin subfamily. The mammalian A-type cyclin family consists of two members: cyclin A1 and cyclin A2. Different cyclins exhibit distinct expression. Cyclin A1 is expressed in mice exclusively in the germ cell lineage and high rate of cyclinA1 is found in human testis and certain myeloid leukaemia cells. Cyclin A1 is primarily function in the control of meiosis. It serves as regulator subunits binding to cyclin-dependent kinase 1 (Cdk1) and cyclin-dependent kinase 2 (Cdk2), which give two different kinase activities, one appearing in S phase, the other in G2. Through this, cyclin A1 operate the entry and progression in cell cycle. High frequency of cyclin A1 overexpression has been observed in acute myelocytic leukemias, especially those that are at the promyelocyte and myeloblast stages of development.
Product Categories/Family for anti-CCNA1 antibody	AMPK Signaling Pathway
References	Yang R, et al. (1999) Functions of Cyclin A1 in the cell cycle and its interactions with transcription factor E2F-1 and the Rb family of proteins. Molecular and Cellular biology. 19 (3): 2400-7.Yang R, et al. (1999) Cyclin A1 expression in leukemia and normal hematopoietic cells. Blood. 93 (6): 2067-74.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502611
NCBI GeneID	8900
NCBI Accession #	NP_003905.1
NCBI GenBank Nucleotide #	NM_003914.3
UniProt Accession #	P78396; Q5T3V0; Q5U0G2; Q8IY91; B7Z7E3
Molecular Weight	47,494 Da
NCBI Official Full Name	cyclin-A1 isoform a
NCBI Official Synonym Full Names	cyclin A1
NCBI Official Symbol	CCNA1
NCBI Official Synonym Symbols	CT146
NCBI Protein Information	cyclin-A1

UniProt Protein Name	Cyclin-A1
UniProt Gene Name	CCNA1
UniProt Entry Name	CCNA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyclin-a1-antibody-immunoprecipitation-western-blot-elisa/255290>